

Title (en)

Apparatus and method for displaying a lock screen of a terminal equipped with a touch screen

Title (de)

Vorrichtung und Verfahren zur Anzeige eines Sperrbildschirms auf einem Endgerät mit Berührungsbildschirm

Title (fr)

Procédé et appareil pour afficher un écran de fermeture d'un terminal doté d'un écran tactile

Publication

**EP 2357776 A3 20130327 (EN)**

Application

**EP 11151928 A 20110125**

Priority

KR 20100010551 A 20100204

Abstract (en)

[origin: EP2357776A2] An apparatus and method for displaying a lock screen including a character object having a motion effect in a terminal equipped with a touch screen. The method includes locking the touch screen and displaying the lock screen including the character object having the motion effect on a preset background image. Upon generation of a touch input, determining whether the touch input is for unlocking the touch screen, and if the touch input is for unlocking the touch screen, unlocking the touch screen and controlling the character object to perform a preset action indicating the unlocking of the touch screen.

IPC 8 full level

**G06F 3/048** (2013.01); **G06F 3/0488** (2013.01); **G06F 9/44** (2006.01); **G06K 9/00** (2006.01); **G06K 9/46** (2006.01); **G06T 7/00** (2006.01); **H04M 1/67** (2006.01); **H04M 1/72427** (2021.01)

CPC (source: EP US)

**G06F 3/04883** (2013.01 - EP US); **G06F 9/4418** (2013.01 - EP US); **H04M 1/67** (2013.01 - EP US); **H04M 1/72427** (2021.01 - EP US); **H04M 2250/12** (2013.01 - EP US); **H04M 2250/22** (2013.01 - EP US)

Citation (search report)

- [XY] WO 2007076210 A1 20070705 - APPLE COMPUTER [US], et al
- [XY] EP 2148497 A1 20100127 - LG ELECTRONICS INC [KR]
- [E] WO 2011037366 A2 20110331 - SAMSUNG ELECTRONICS CO LTD [KR], et al
- [A] US 2009160778 A1 20090625 - NURMI JUHA HARRI-PEKKA [FI], et al
- [Y] US 2008287103 A1 20081120 - ITOU JUN [JP]
- [Y] US 2009264117 A1 20091022 - HSIEH CHIN-YING [TW], et al
- [A] WO 2009120925 A2 20091001 - SPRINT COMMUNICATIONS CO [US]
- [Y] US 2009257650 A1 20091015 - LIM HWA SUP [KR], et al
- [Y] MINHONG YUN ET AL: "UI Player Framework for Mobile Devices", THE 9TH INTERNATIONAL CONFERENCE ON ADVANCED COMMUNICATION TECHNOLOGY, 1 February 2007 (2007-02-01), pages 151 - 154, XP055050450, ISSN: 1738-9445, ISBN: 978-8-95-519131-8, DOI: 10.1109/ICACT.2007.358326
- [Y] VAILAYA A ET AL: "On image classification: city vs. landscape", CONTENT-BASED ACCESS OF IMAGE AND VIDEO LIBRARIES, 1998. PROCEEDINGS. IEEE WORKSHOP ON SANTA BARBARA, CA, USA 21 JUNE 1998, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 1 January 1998 (1998-01-01), pages 3 - 8, XP010293880, ISBN: 978-0-8186-8544-6, DOI: 10.1109/IVL.1998.694464
- [Y] SCHETTINI R ET AL: "AUTOMATIC CLASSIFICATION OF DIGITAL PHOTOGRAPHS BASED ON DECISION FORESTS", INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE (IJPRAI), WORLD SCIENTIFIC PUBLISHING, SI, vol. 18, no. 5, 1 August 2004 (2004-08-01), pages 819 - 845, XP001217308, ISSN: 0218-0014, DOI: 10.1142/S0218001404003435
- [Y] SMITH J R ET AL: "Decoding image semantics using composite region templates", CONTENT-BASED ACCESS OF IMAGE AND VIDEO LIBRARIES, 1998. PROCEEDINGS. IEEE WORKSHOP ON SANTA BARBARA, CA, USA 21 JUNE 1998, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 1 January 1998 (1998-01-01), pages 9 - 13, XP010293859, ISBN: 978-0-8186-8544-6, DOI: 10.1109/IVL.1998.694467
- [Y] KATSURA H ET AL: "A view-based outdoor navigation using object recognition robust to changes of weather and seasons", PROCEEDINGS OF THE 2003 IEEE/RSJ INTERNATIONAL CONFERENCE ON INTELLIGENT ROBOTS AND SYSTEMS. (IROS 2003). LAS VEGAS, NV, OCT. 27 - 31, 2003; [IEEE/RSJ INTERNATIONAL CONFERENCE ON INTELLIGENT ROBOTS AND SYSTEMS], NEW YORK, NY : IEEE, US, vol. 3, 27 October 2003 (2003-10-27), pages 2974 - 2979, XP010675509, ISBN: 978-0-7803-7860-5, DOI: 10.1109/IROS.2003.1249323

Cited by

US9471768B2; US9588664B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2357776 A2 20110817; EP 2357776 A3 20130327**; CN 102147701 A 20110810; CN 102147701 B 20160601; KR 101164730 B1 20120712; KR 20110090642 A 20110810; US 2011187727 A1 20110804

DOCDB simple family (application)

**EP 11151928 A 20110125**; CN 201110033551 A 20110131; KR 20100010551 A 20100204; US 201113021266 A 20110204